

Converting Colors

Hex(1BE75C)

Have a look what the booklet for
Hex(1BE75C) contains.

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Color

Hex(1BE75C)

Conversions

Conversions Part 1

Format	Color
Hex	1BE75C
RGB	27, 231, 92
RGB Percent	11%, 91%, 36%
CMY	0.8941, 0.0941, 0.6392
CMYK	0.88, 0.00, 0.60, 0.09
HSL	139°, 81%, 51%
HSV	139°, 88%, 91%
XYZ	30.9597, 58.1575, 19.7190
YIQ	154.1580, -76.9650, -86.4770

Conversions

Conversions Part 2

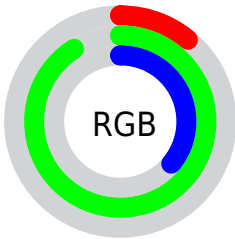
Format	Color
RYB	27, 182, 231
Decimal	1828700
CIELab	80.83, -73.33, 53.79
CIELCh	81, 90.942, 143.740
Yxy	58.1575, 0.2845, 0.5344
Android (android.graphics.Color)	4280018780 (0xFF1BE75C)
YUV	154.1580, -30.6439, -111.5176
Hunter-Lab	76.2611, -60.9914, 38.0520

Details

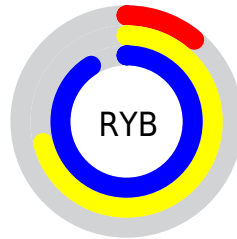
The Hex color **1BE75C** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **E71BA6**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **74FF92**, and **00AE24** is the 20% darker color. If you saturate the color by 10%, you get **04E74C**, and if you desaturate by 10%, it is **32E76C**.

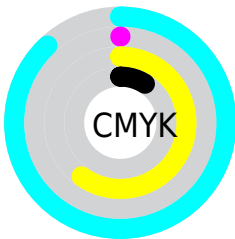
Distribution



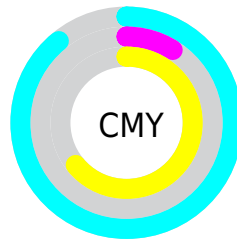
- Red (11%)
- Green (91%)
- Blue (36%)



- Red (11%)
- Yellow (71%)
- Blue (91%)



- Cyan (88%)
- Magenta (0%)
- Yellow (60%)
- Black (9%)



- Cyan (89%)
- Magenta (9%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BE75C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1BE75C by changing the saturation by 10% instead.

 1BE75C

FFFFFF

 74FF92

 95FFAE

 B5FFCA

 D4FFE7

 F4FFFF

 1BE75C

 00CA41

 00AE24

 009200

 007700

 005C00

 004300

 002A00

 000600

 000000

 1BE75C

 1BE75C

 04E74C

 32E76C

 00E74A

 49E77B

 60E78B

 77E79B

 8EE7AB

 A6E7BA

 BDE7CA

 D4E7DA

 EBE7EA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFD800



1BE75C



00EEB3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1BE75C



00D8FF



FF758A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1BE75C



E71BA6

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF6FDE



1BE75C



9FBAFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1BE75C



00E9FF



FF91FF



FF9A3B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1BE75C



00EFEF



FF91FF



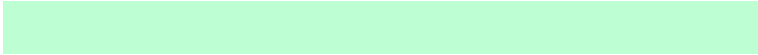
FF6EA5

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1BE75C



BDFFD2



A6E71B



588065



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1BE75C



00FF51



1BE7C2



67736B



00B339



003310

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E71BA6



FF00AE



E71B40



73676F



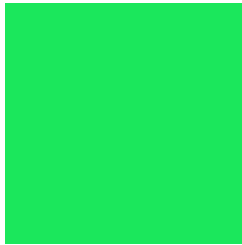
B3007A



330023

Previews

White Background



This preview shows how the Hex color 1BE75C looks on a white background.

Color Contrast Check

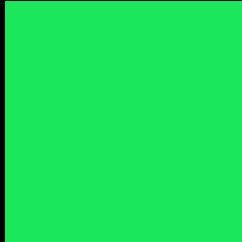
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1BE75C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

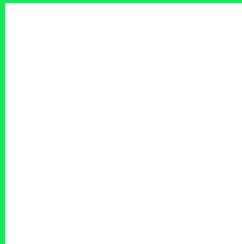
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1BE75C Background



This preview shows how black text looks on a background with the Hex color 1BE75C.

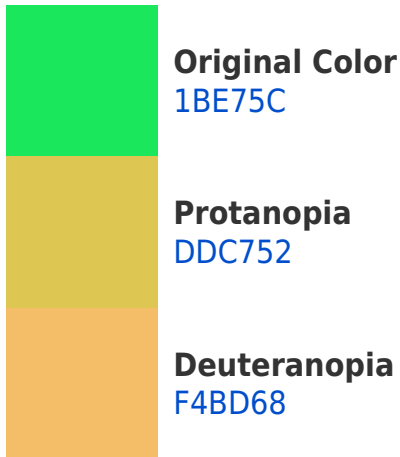


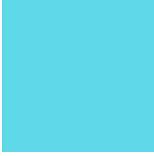
This preview shows how white text looks on a background with the Hex color 1BE75C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

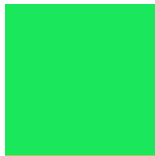
Dichromacy





Tritanopia
5FD9EA

Trichromacy



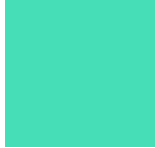
Original Color
1BE75C



Protanomaly
96D356



Deuteranomaly
A5CC64



Tritanomaly
46DEB6

Monochromacy



Original Color
1BE75C



Achromatopsia
9A9A9A



Achromatomaly
6CB683

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BE75C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1BE75C looks like.

```
.text, #text, p{  
    color:#1BE75C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1BE75C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BE75C
}
```

Border

The CSS property to change the border of an element to Hex 1BE75C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1BE75C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1BE75C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1BE75C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BE75C; -webkit-box-shadow:4px 4px  
4px 4px #1BE75C; box-shadow:4px 4px 4px  
4px #1BE75C }
```

Background

The CSS property to change the background color of an element to Hex 1BE75C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BE75C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1BE75C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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